



California Department of Transportation
Division of Engineering Services
Office Engineer

REQUEST FOR INFORMATION

Internet Bidding (iBid) System for Highway Construction Contracts

It is the Vendor's responsibility to read the entire document and to comply with all requirements listed herein.

Submittal Due Date and Time: All submittals must be received on or before **4:00 PM, Wednesday, October 29, 2003**. Return three (3) copies (one original and two copies, except only one original of manuals) to:

Department of Transportation
Division of Engineering Services
1727 30th Street, Mail Stop 43
Sacramento, CA 95816-8041
Attn: Bill Kodani, Electronic Bidding Project

Respondent Identification:

_____ Company Name	_____ Date	
_____ Signature of Authorized Representative	_____ Company Web site URL (if available)	
_____ Printed Name of Authorized Representative	_____ Title of Authorized Representative	
() _____ Telephone No.	() _____ FAX No.	_____ E-Mail Address

SECTION A. INTRODUCTION

- A.1 Intent and Purpose.** The California Department of Transportation (Department) is planning to automate and improve the Department's current construction contract bidding process. The effort is collectively called the iBid project. Processes that are being considered are the distribution of bid documents, receipt of contractors bid proposals via the Internet, and Department analysis of submitted contractor bid proposals for highway construction contracts. It is the intent of the Department to do this system improvement at reasonable costs and low risks by exploring the availability and use of Commercial-Off-The-Shelf (COTS) solutions. Ideally, the new system will be replacing assorted high level user programs, manual paper processes, a 30+ year old legacy mainframe program, workgroup databases, and initially augmenting the current paper based bidding system with an electronic Internet based system. (The current legacy mainframe program that is being replaced is used to help analyze contractor bid proposals.)

The Department is aware of the existence of Application Service Providers (ASPs) that offer commercial advertising and bidding services. Department policy dictates that Department programs run on California State owned and operated computers. **Therefore, for this Request For Information (RFI), the Department is interested in a solution that runs on California State owned and operated computers to the maximum extent possible. Partial ASP options will only be considered if a State of California operated solution is not possible.**

This document is an RFI to vendors who may be interested in supplying the Department with a COTS solution. The intent of the document is to:

- Generally describe current processes or systems that are used to distribute highway construction contract bid documents, conduct highway construction contract bidding, and analyze contractors' bid proposals.
- List the business requirements for document distribution, paper and Internet bidding, and the contractor proposal analysis process.
- Provide an opportunity for industry to comment on the risks and the probability of success of the iBid project.
- Construct a list of potential bidders for an RFP to the iBid project.
- Provide vendors who choose not to respond an opportunity to express why they chose not to respond. The Department is interested in knowing why to help guide the direction of this project.
- Provide vendors with an opportunity to tell the Department about other off-the-shelf products they offer to support highway design and construction that integrate with their proposed solution but are outside the scope of the iBid project.

This RFI is solely exploratory in nature to determine the availability of low risk off-the-shelf solutions that will meet the Department's needs. The Department reserves the right to determine what further action, if any, will be taken.

- A.2 Official Contact.** The Department Official and related contact information for clarifications is:

Department of Transportation
Division of Engineering Services
1727 30th Street, Mail Stop 43
Sacramento, CA 95816-8041
Attn: Bill Kodani, Electronic Bidding Project

e-mail: bill_kodani@dot.ca.gov
FAX: (916) 227-6197

SECTION B. GENERAL INSTRUCTIONS

- B.1 Understanding the State's Needs.** In order to prepare a meaningful response, interested parties should carefully examine this entire RFI.
- B.2 Questions Regarding the RFI.** Interested parties requiring clarification of the intent or content of this RFI or on procedural matters regarding the process may request clarification by submitting questions clearly marked "Questions Relating to Internet Bidding System", to the Official contact listed in A.2. To ensure a timely response by the Department, submit questions in writing or by e-mail only by **October 23, 2003**. All questions and answers will be posted on a Department Internet web page without identifying the submitter at <http://www.dot.ca.gov/hq/esc/oe>. Select the iBid Project link.
- B.3 Respondent's Costs.** Costs for developing responses are entirely the responsibility of the respondent and shall not be chargeable to the Department.
- B.4 Completeness of the Response.** Respondents should use the requirement numbering shown in the requirements section of this RFI to address how each business requirement is met (for example DD.1). The response should be in sufficient detail that it clearly explains:
- i. the name of product that is meeting the requirement (or indicate custom programmed software if not COTS),
 - ii. describe the functionality in sufficient detail to demonstrate meeting the requirement.
- B.5 Vendor Information.** All responses shall contain the bottom portion of the front cover of this RFI signed by an individual authorized to certify that the information in the response is true and accurate at the time of submittal.

B.6 Confidentiality of Trade Secrets. Under the Public Records Act, the State must make available your proposal response if requested because RFI responses meet the definition of a “public record.” The only exception to this required disclosure is information that fits the definition of a trade secret. A trade secret is generally defined as a formula, pattern, device or compilation of information which is used in one’s business and which gives one an opportunity to obtain an advantage over competitors who did not know or use it. A trade secret may be withheld from disclosure under the Public Records Act only if it is, indeed, a secret. If a vendor finds it desirable or necessary to respond with trade secret information, the vendor may do so and request that the state hold such information in confidence. Each page that the vendor considers to be trade secret shall be stamped “TRADE SECRET – DO NOT DISCLOSE.” The state will refrain from discussing such information with other respondents and will return the identified information at the conclusion of the RFI process if so requested.

In no event may an entire proposal response be considered a trade secret.

If there is any challenge to the State withholding of information on the basis of trade secret, respondent shall bear any legal costs associated with the defense of the withholding of that information.

B.7 Delivery of Responses. Send in an original and two copies of your response (except only one original of manuals) to:

Department of Transportation
Division of Engineering Services
1727 30th Street, Mail Stop 43
Sacramento, CA 95816-8041

Attn: Bill Kodani, Electronic Bidding Project

Please fill in the “Respondent Identification” portion of the front cover sheet and include it with your response.

B.8 No Response. If you decide not to respond, the Department is interested in knowing your reason for not submitting a response. Please fill in the “Respondent Identification” portion of the front cover sheet and return it along with your written explanation for deciding not to respond.

B.9 Disposition of Proposals. All material submitted in response to this RFI will become the property of the State of California and, with the exception of trade secret material as noted in B.6 Confidentiality of Trade Secrets, will not be returned.

SECTION C. iBid PROJECT INFORMATION & BACKGROUND

From January 2002 to April 2002, the Department participated in a California Department of General Services electronic bidding pilot project. The pilot involved five Department construction projects. Contractors prepared and submitted their bids via the Internet for any of the five projects. The goals of the pilot project were to demonstrate proof of concept, facilitate

greater small business participation, and test contractor acceptance of using the Internet to submit their bids. Upon completion of the pilot an assessment of participating contractors showed favorable acceptance and improvement in their bidding efficiencies. The Department learned that electronic bidding is viable and it eliminates almost all math errors in the bid submittals. The Department is moving forward by making plans to obtain State approval to implement a production system. This RFI is part of that effort.

The Department currently uses a paper based bid submittal process for highway construction projects. The Department lets bids for 600 to 800 major transportation related construction contracts each year. During peak bidding, more than 200 contracts may be out for bid at any given time. On average, the Department receives six bid proposals for each contract let. The bids are opened at one of three public bid openings each week. Approximately 60 percent of all contracts let for bids are amended during the bid letting process by contract addendum. The Department typically issues more than 600 addenda to amend contractual requirements each year.

The iBid project will add electronic bidding forms and provide contractors the opportunity to submit their bids using the Internet. Eventually the Department may migrate away from the current paper-based system and use only the Internet. Thus the iBid system needs to be able to support all essential document distribution and bidding operations without paper, including replacement of the Department's current paper-based addenda process with an all electronic process. Maintaining accurate and complete records of contractors that have been issued bid proposal documents is essential to ensure that addendas are received at essentially the same time by all prospective bidders.

A conceptual process diagram showing how the current paper-based bid submittal process operates is shown in Figure A.

Figure B shows a modification that adds the ability to electronically receive bids using the Internet. Figure B is not the only way that electronic bidding is possible. The Department is interested in any other Internet based bidding process that a vendor may wish to propose that will also meet the Department's business requirements. Table 1 presents side by side comparisons of Figure A and Figure B, along with descriptions of their primary elements.

TABLE 1	
Elements of Current Paper Based Submittal Process shown in Figure A	Elements of Concept for Parallel Paper or Internet Submittal Process shown in Figure B
① A public plans counter that sells paper bid packages to contractors and receives completed bid documents.	① A public plans counter that sells paper bid packages to contractors and receives completed bid documents.

	①a New public iBid system to register contractors and contractor's request for electronic bid documents; project document distribution system; apparent low bidder announcement
② Plans counter databases running FileMaker Pro on a Macintosh	
	②a New iBid system
③ Addenda distribution, either by FAX machine for small addendas, or overnight courier for larger addendas.	③ Addenda distribution, either by FAX machine for small addendas, or overnight courier for larger addendas.
④ Delivery of completed paper bid documents.	④ Delivery of completed paper bid documents.
	④a New encrypted electronic bid submittal process
	④b New electronic drop box.
	④c New report list of submitting contractors.
⑤ A bid opening panel	⑤ A bid opening panel
⑥ Key data entry to enter bid data into a mainframe BID analysis module.	⑥ Key data entry to enter bid data into a mainframe BID analysis module.
⑦ The mainframe PISA/BID analysis module.	
⑧ Various bidding reports, in both summary and detailed form.	⑧ Various bidding reports, in both summary and detailed form.

Note that two existing information systems identified in Figure A as:

- ② Plans Counter Databases, and
- ⑦ Mainframe PISA/BID

are both being replaced by this iBid project. Maintaining the data linkage integrity to all other Department systems that both the Plans Counter Databases and the PISA/BID system were linked to, and generating and distributing reports equivalent to the reports produced by the two systems are essential requirements of this iBid project.

Figure C is a diagram that shows the role of the plans counter databases. Appendix B provides more detailed information about the input and output data stored on the plans counter databases.

Figure D is a diagram that shows the role of the PISA/BID program showing the data linkages to other associated Department computer programs. Appendix C provides more detailed information about the input and output of data to the BID program.

Figure A
Current paper based BID Process (Conceptual Diagram)

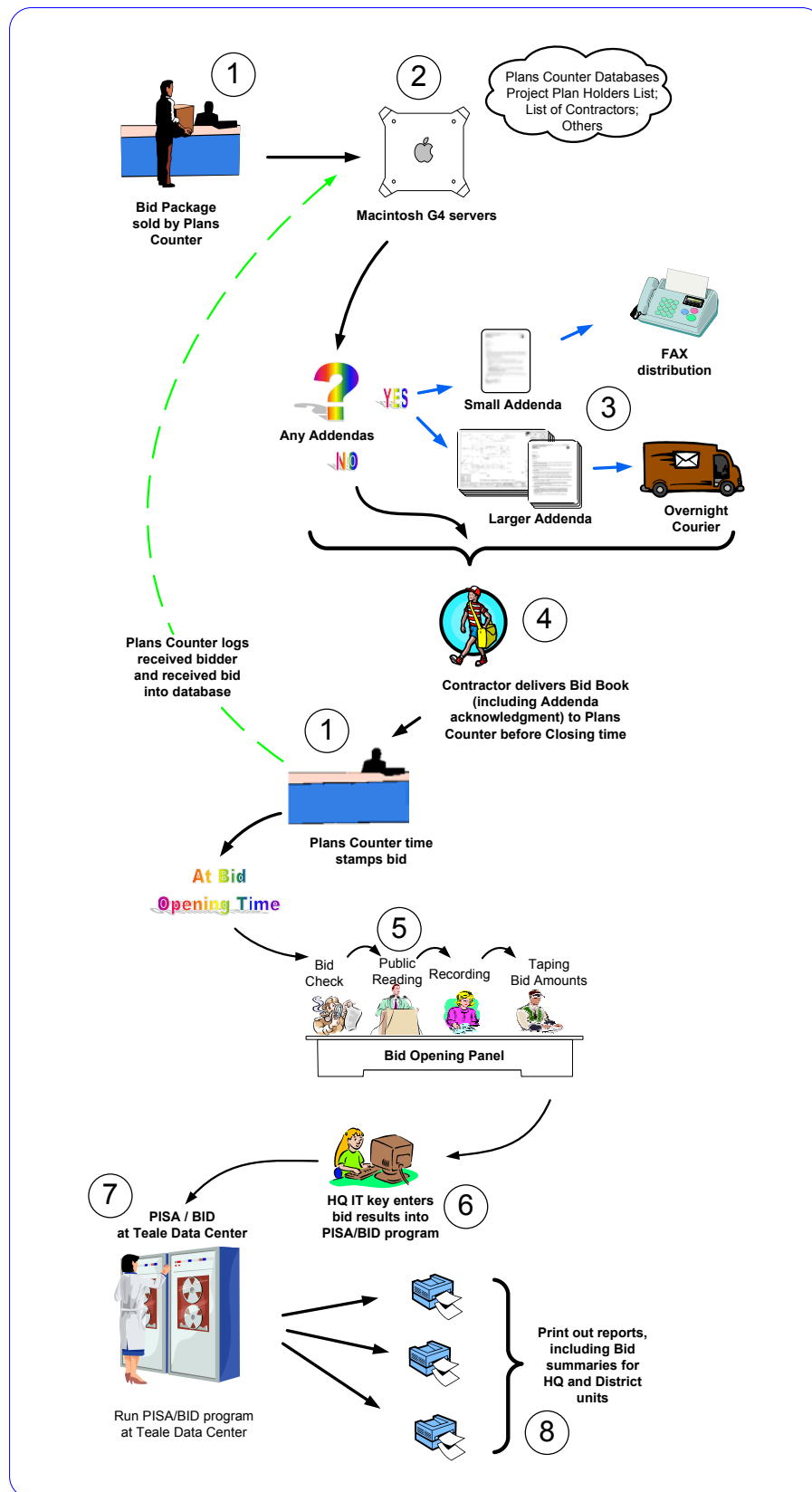


Figure B

Proposed Hybrid Internet or Paper based BID submittal Process (Conceptual Diagram)

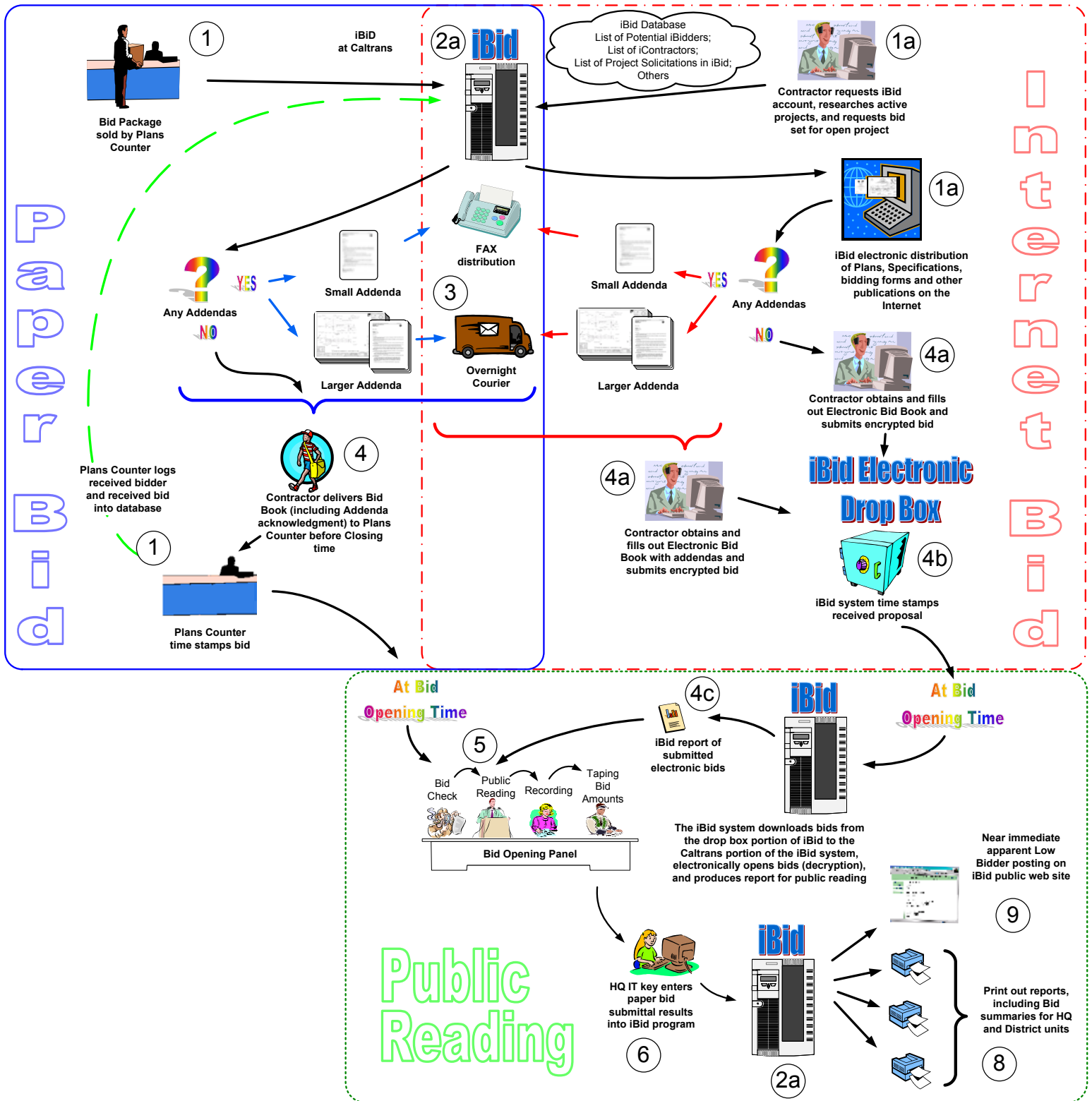


Figure C
Diagram showing role of current Plans Counter Databases

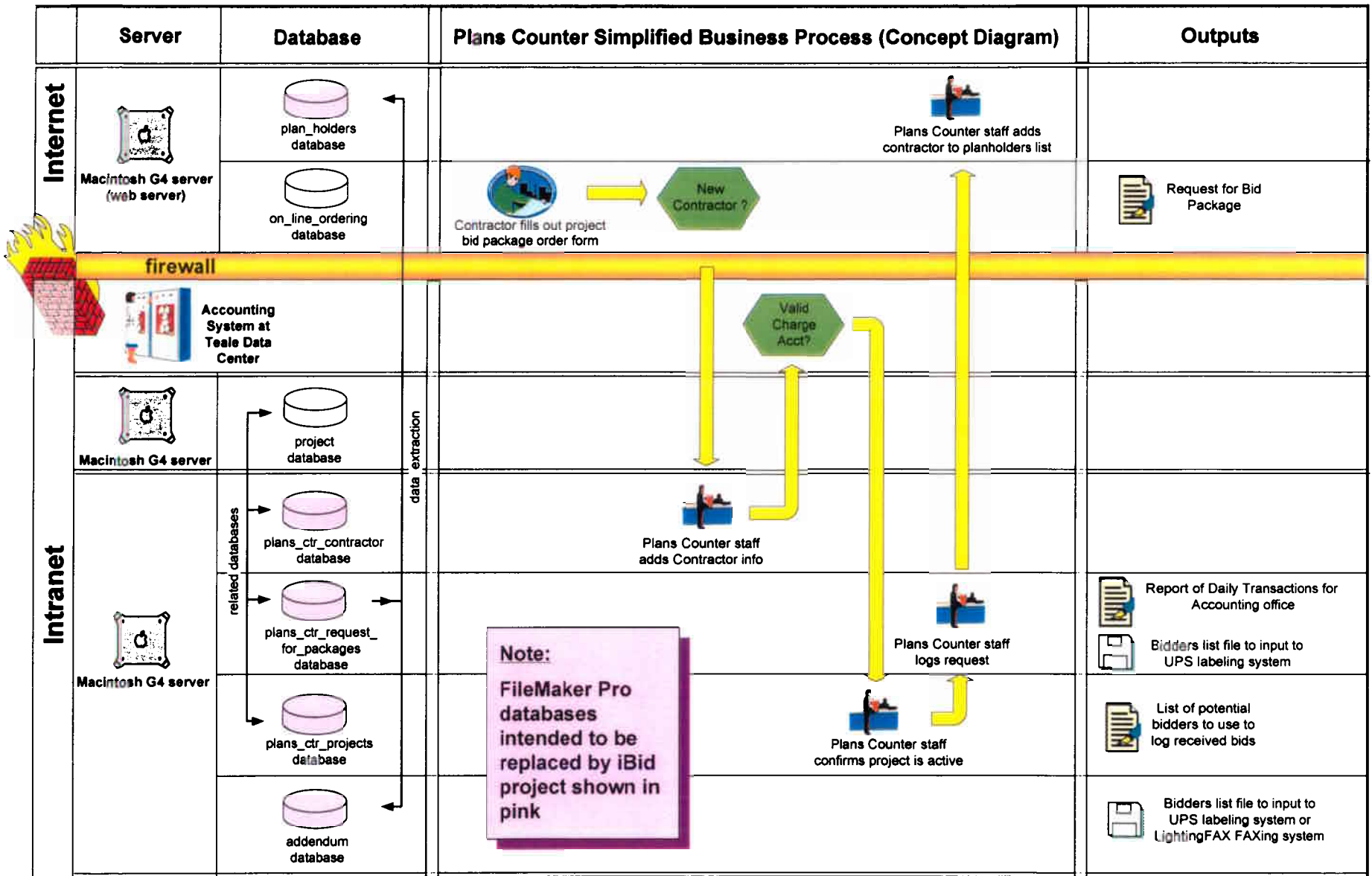


Figure D
Diagram showing role of current Mainframe BID program

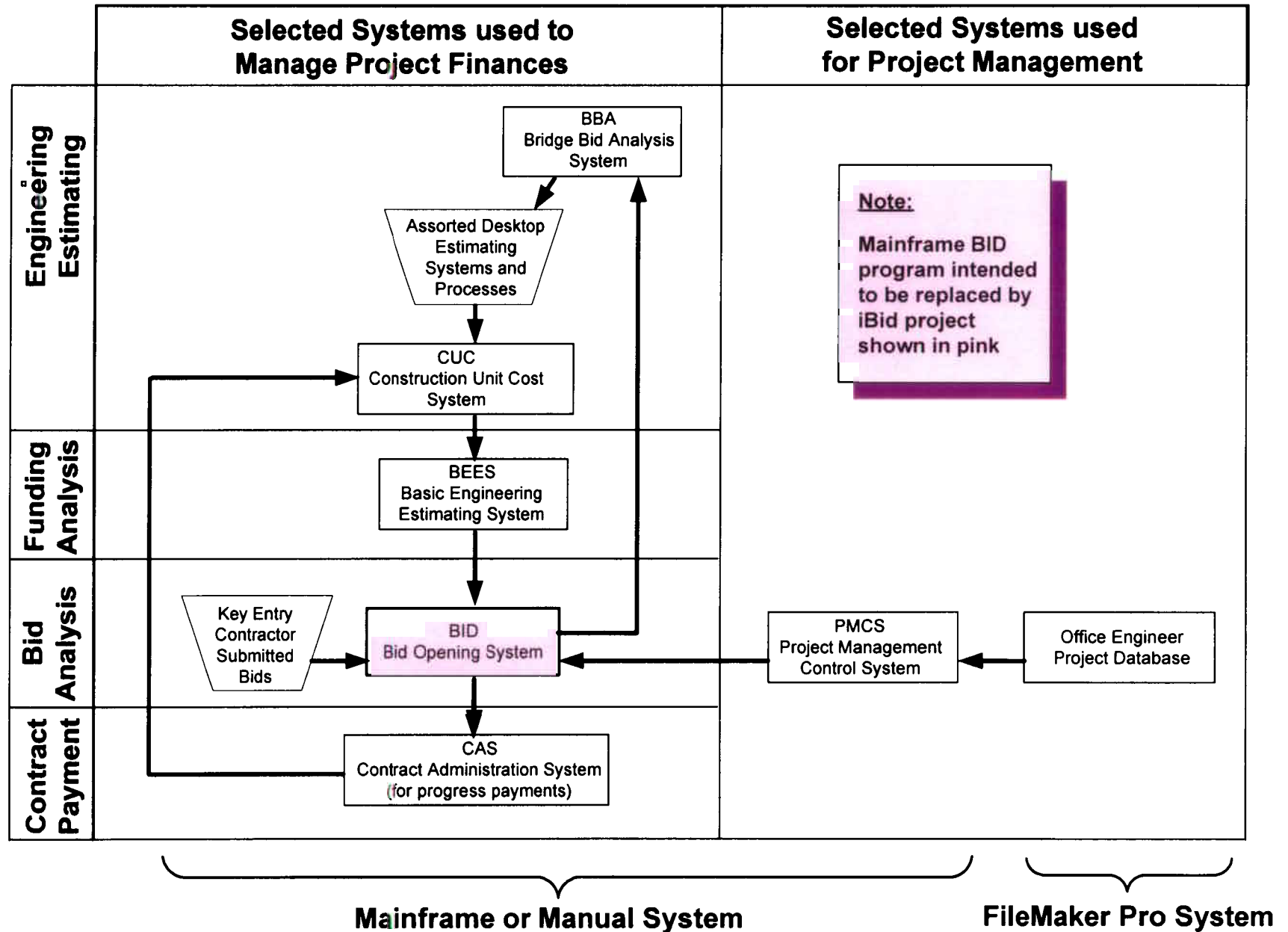


Table 2 - Requirements

Req No.	Requirement Description	Vendor Solution ^{1/} •COTS, or •ASP, or •CP, or •NA	For COTS, meets 6 mos. in use? Y/N ^{2/}	Vendor Comments (Where applicable, include name of COTS product and module meeting the numbered requirement)
1.	General Requirements			
1.1.	Provide the name, address, and web site (if available) of organization responding to this RFI. Also provide the name, address, phone number, FAX number, and e-mail address of the contact representing the organization.			
1.2.	List any subcontractors that would be involved in your proposal. Provide phone number and address of the contact for the subcontractor, and details about how they will be involved in the implementation of your proposed solution.			
1.3.	Provide a list of customer references for the products being proposed. Indicate modules and version of products deployed by reference. Also provide one or more reference contact name(s) and phone number(s) for each module in the proposed solution.			
1.4.	If your organization or any subcontractors involved in your proposal are a California Certified Small Business, provide a list of the certified organizations and certification number. Information about certification can be found at http://www.pd.dgs.ca.gov/smbus .			
1.5.	If your organization or any subcontractors involved in your proposal are a California Certified Disabled Veteran Business Enterprise, provide a list of the certified organizations and certification number. Information about certification can be found at http://www.pd.dgs.ca.gov/smbus .			
1.6.	Ability to support advertising, Internet-based bidding, and analyze contractor bid proposals for highway construction projects. Include any particular product support for innovative contracting practices of large highway projects.			
1.7.	Provide an Audit Trail feature to show additions, changes, and deletions to all iBid databases; along with the related Operator Identifier, date and time of change.			
1.8.	Web pages generated by proposed solution meets State of California Web Accessibility Guide requirements (located at http://www.webmasters.ca.gov/styleguide/accessibility.html)			

Notes: ^{1/} COTS = Commercial Off-The-Shelf product (indicate module meeting requirement); ASP = Application Service Provider (indicate vendor or subcontractor); CP = will be provided with custom application programming, N/A = not available and cannot be provided.

^{2/} 6 months in use means that the COTS product has been installed and in productive use by a paying customer, external to the vendor's organization (not owned by the vendor and not owning the vendor), for at least 6 months.

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1.9.	Web pages generated by proposed solution meets Section 508 of the Rehabilitation Act of 1973 Subpart B Section 1194.22 Web-based intranet and internet information and applications.			
1.10.	Ability to use Department web page templates for web pages generated by proposed solution without loss of functionality. (Department web templates can be found at http://www.dot.ca.gov/templates)			
1.11.	Provide the ability to enable the Department to add custom functionality not provided in the off-the-shelf product. Describe how this is accomplished for the proposed solution and what, if any, additional products would need to be purchased.			
1.12.	Ability to support a 3-tier system architecture. See Appendix A for 3-tier details.			
1.13.	Ability to support a site redundant system architecture (for business continuity, improved reliability, disaster recovery, availability, and load balancing).			
1.14.	Provide a logical data model for the proposed solution. Include entities and relationships if applicable.			
1.15.	Provide a copy of all manuals for the COTS portion of the proposed solution (only one original is needed).			
1.16.	Ability to offer product maintenance and product help desk support as an off-the-shelf product. Maintenance and support shall be available for three years after deployment of the proposal. Maintenance includes user and administrative manuals, data models, and repair of reported program defects. Help desk includes telephone support from a live support person: Monday – Friday, 8 AM to 5 PM Pacific Time.			
1.17.	Ability to store information for highway projects to be advertised in an iBid Project database.			
1.18.	Ability to replace the plans counter databases shown in Figure C, and interface with the data inputs and outputs shown in Appendix B. Describe the approach that is used for this portion of the iBid project.			

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1.19.	Ability to replace the legacy BID mainframe program shown in figure D, and interface with the data inputs and outputs shown in Appendix C. Describe the approach that is used for this portion of the iBid project.			
2.	Internet Advertising and Internet Document Distribution			
2.1.	Provide the ability to post general informational notices for advertised highway construction projects on a publicly accessible web page.			
2.2.	Provide the ability to post electronic documents related to advertised projects on a publicly accessible web page so that the posted documents are downloadable by the public.			
2.3.	Provide the Department with the ability to restrict downloads of selected electronic documents (such as electronic bidding forms) to contractors who have been previously authorized by the Department for the download.			
2.4.	If a contractor has previously downloaded electronic bidding forms for a project, provide the ability to notify contractors electronically of addenda to the project. Also, have the system provide an automated method of verifying that the contractor received the addenda notification and alert the appropriate individuals within the Department if receipt of notification is not received so Department action can be taken to notify the contractor of the new addenda. Examples of the possible addenda changes are a change to a quantity, a change to an item code, a new bid item, or the removal of a bid item.			
3.	Contractor and Project Bidder Registration			
3.1.	Able to store information about contractors in an encrypted master contractor database. Authorized Department personnel must have ability to make corrections and to add new contractors to the information in the encrypted master contractor database.			

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Table 2 - Requirements

Req No.	Requirement Description	Vendor Solution ^{1/} •COTS, or •ASP, or •CP, or •NA	For COTS, meets 6 mos. in use? Y/N ^{2/}	Vendor Comments (Where applicable, include name of COTS product and module meeting the numbered requirement)
3.2.	Ability to input and edit information in an encrypted database of contractors who have indicated an intent to bid on a particular project (frequently called a planholders database). The encrypted database shall record if the contractor has elected to bid electronically through the Internet, or with a paper bid. Authorized Department personnel must have ability to make corrections and to add new contractors to the planholders database. Information needed in the database is: contractor name, ID, FAX number, street mailing address, and bidding method (paper or Internet).			
3.3.	Ability to provide the public with an Internet page that provides a list of contractors who has indicated an intent to bid on a particular project (frequently called a planholders list).			
3.4.	For any advertised project, ability to print mailing labels for sending out addendas by commercial overnight courier services (including FedEx and UPS).			
4.	Bidding (Internet bid submittal or Paper bid submittal)			
4.1.	Ability to create and manage three categories of secure contractor accounts: (1) general accounts to maintain data about the contracting firm, (2) project accounts that are managed by the firm and used to prepare and edit bids for individual projects, and (3) bid authorization accounts that are issued by the Department to officials in the firm with authority to submit bid proposals and to enter into a legally binding contract.			
4.2.	Ability to construct an electronic project proposal document equivalent in content to the Department's printed project proposal documents. Project information for the electronic proposal document is to be automatically extracted by the iBid system from data in existing Macintosh FileMaker Pro Vers. 5.0 databases, a mainframe flatfile database system, and Microsoft Word tables. (See Appendix D for sample Department proposal document)			

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4.3.	Ability to provide a secure, confidential, encrypted method for contractors to enter, modify, and submit electronically prepared legally binding bid proposals through the Internet to an electronic drop box. Bid proposal information includes but is not limited to: Item cost information, DBE and DVBE Subcontractor Information, Contractor Licensing Information, and Bonding Information.			
4.4.	When a contractor submits a bid, the system shall log operator identification and date and time of submittal. For Internet transmitted bids, the system must enter all of this information at the time the Internet submittal is received.			
4.5.	Able to display to the contractor a countdown clock indicating the time remaining (to the nearest second) to submit bids based on the Department's clock. The iBid system will disallow any bids submitted after the bid submittal cutoff time as indicated on the countdown clock.			
4.6.	Ability for contractors to have their bid proposals automatically checked for completeness (such as omission of mandatory bid information or incorrectly filled out bid proposal alternates); and to have amounts such as extended bid item amounts and bid total automatically calculated.			
4.7.	Ability for contractors to submit, modify, or withdraw their electronic bid proposal at any time until the cutoff time for bid submittals. When a contractor is registered for an iBid project, the system shall keep contractors continuously informed about the amount of time remaining until cutoff time for bid submittals.			
4.8.	Ability for Department staff to specifically control the order in which bid items show in the proposal document. Changing the order in which the bid items show must be accomplished with features set up specifically for the purpose and not accomplished by using program functionality whose main intention was for other purposes.			

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4.9.	Ability for the Department to construct in the proposal document compensation to the contractor for completion ahead of schedule (commonly called A+B bids).			
4.10.	Ability for the Department to construct in the proposal document alternatives for a bid item that allows the selection of only one of the alternatives.			
4.11.	Ability for the Department to construct an electronic amendment (addenda) to the project proposal document. A new addenda shall not require contractor to re-enter bidding data in their proposal document that is not affected by the new addenda.			
4.12.	The bid preparation, submission, and bid receiving system will need to be operational 7 days per week, 24 hours per day.			
4.13.	Until bid opening time, Department staff cannot have access to any information in the electronic drop box or in the contractors' electronic bid submittals. At bid opening time, the iBid system needs to produce for the Department a report of received bid submittals showing the Contractor name, Department issued contractor ID, and street delivery address. Upon review of the received bid submittals report the Department shall be able to specify to the iBid system to open and upload into an iBid project database, only those electronic bids selected by the Department. Electronic bids not selected for opening shall be returned to the contractor unopened.			
5.	Bid Proposal Analysis			
5.1.	Ability to print a list of those contractors who have submitted their bids through the Internet. For any advertised project, this list should be printable at any time after the close of bidding but before the Internet submitted bids have been electronically opened by the department. Information needed on the list is: Contractor name, Department issued contractor ID, and street delivery address.			
5.2.	For any advertised project, print a list of those contractors who have submitted paper bids. Information needed on the list is: Contractor name, Department issued contractor ID, and street delivery address.			

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5.3.	Ability to automatically upload electronically submitted bid information from an electronic drop box to an iBid Project database.			
5.4.	For paper submitted bids, ability to have Department staff key in the unit prices from contractor submitted bids into the iBid Project database.			
5.5.	Able to store and retrieve in a database the following bidding information (bidding database): project identification number and description, county(ies), route number(s), beginning and ending postmile, engineer's estimate, bid date, award date, award amount, companies receiving a complete set of bid documents, all bidders name and contractor-ID (issued by the Department), the total bid amount (for paper bids), line item bid prices, subcontractors work (names, address, and description of work), and suppliers (names, address, quantity and value).			
5.6.	Ability to have the iBid system calculate and produce reports for line item extended prices, and project totals for comparison with amounts shown on contractor submitted paper bids.			
5.7.	Able to automatically identify the apparent low bidder for each project. The system should be capable of making appropriate adjustments for Small Business preference or California Company preference prior to ranking. Department staff needs the ability to change the bid order or remove a bid in the event that a bidder subsequently becomes disqualified or is relieved of their bid, and to document the reason for the change or removal. The system should then produce a bid summary report listing each Contractor's name and total bid, and listed by increasing bid amounts. Department staff need the ability to automatically mail electronic copies of the bid summary results or bid summary reports using e-mail address lists or by posting the preliminary bid summary report to designated Internet or Intranet web sites.			

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5.8.	Able to produce a preliminary bid summary report showing all bid amounts for a project and the name of the contractor that submitted each bid. The report should be organized starting with the lowest bid amount to the highest bid amount. IBid system should automatically e-mail electronic copies of the preliminary bid summary results or preliminary bid summary reports using e-mail address lists or post the preliminary bid summary report to designated Internet or Intranet web sites.			
5.9.	Ability to record results of manual verification of bid information provided by contractor. Contractor provided bid information to be verified is: contractor's and subcontractor's license status, subcontractor's small business and disabled veteran business enterprise status, subcontractor's disadvantaged business enterprise status, California business status, and bidder's bond.			
5.10.	Provide a way for the Department to add automatic verification of the contractor entered data to meet bidder qualification requirements. This automatic verification provision is needed after bid opening and up to the time of contract award. The contractor-entered data will be verified by sending queries and receiving results from external agency databases. Access will be by standard industry data access means (such as XML, SQL, etc.). Describe the proposed approach to accommodate future automatic verification by the iBid system and the provisions in the application to accomplish this.			
5.11.	Able to provide a tracking mechanism to document approval or rejection of specific bids as they flow through the Department's evaluation process. Tracking mechanism shall be able to capture any comments or reasons for rejection and the associated name of the reviewer. Reviewers include: Headquarters, District, Legal, Civil Rights, Construction, Structures, and Local Assistance.			

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Introduction

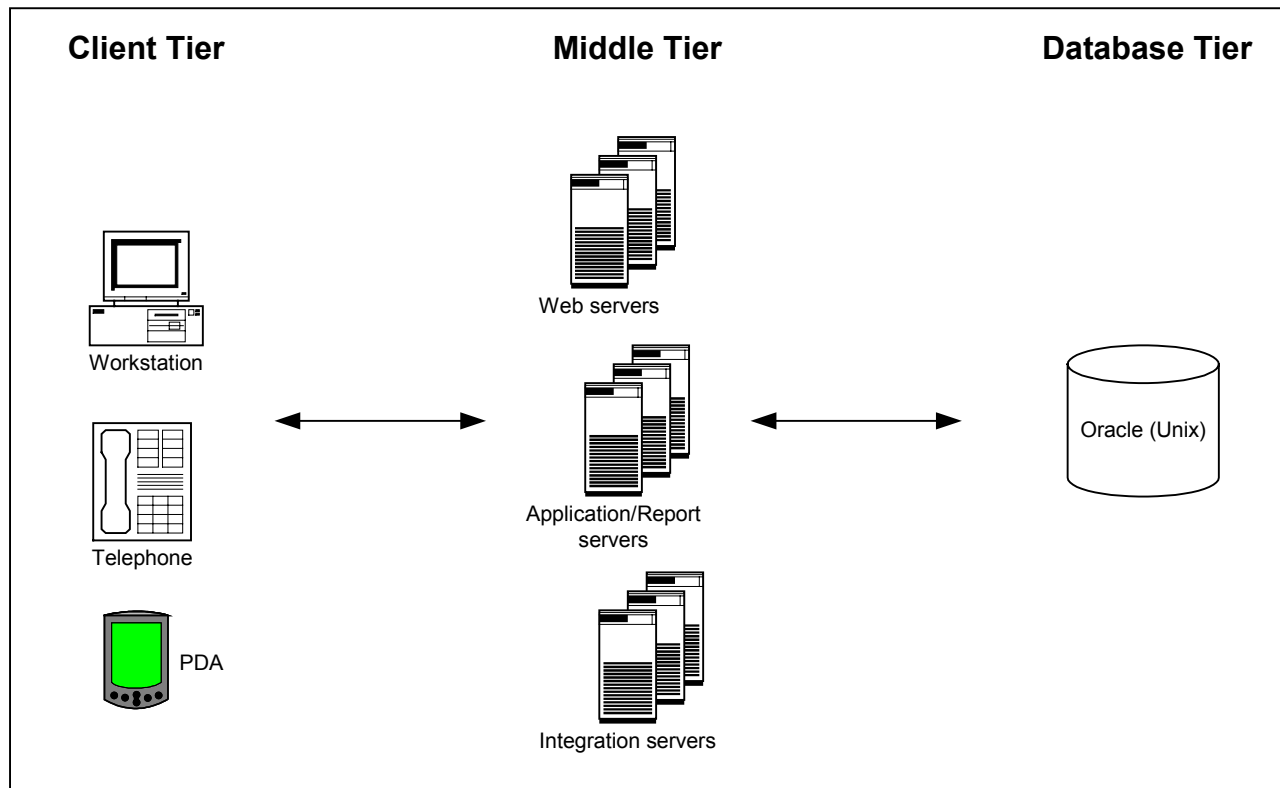
This document describes a high-level enterprise application development environment. During the development of the environment, the Enterprise Application Division (EAD) documented the existing environments currently being used within the Division. This will be used to gain consensus amongst development managers on future projects. It is a planning tool for training and a starting point to communicate with network operations counterparts.

As a high-level development environment, its focus is on characteristics relevant to application development and does not include all aspects of networks, servers, storage, etc.

Preferred Environment for New Enterprise Applications

The following diagram and matrix describes the preferred environment for guiding all new enterprise application development for the next five years. The preferred environment will continue to evolve as technology evolves in the industry. There will be exceptions because of internal and technology limitations. For example, plug-ins are necessary for Java-enabled Oracle forms and reports but ideally EAD would prefer not to use plug-ins on the client-tier.

Enterprise Application Development Environment Model

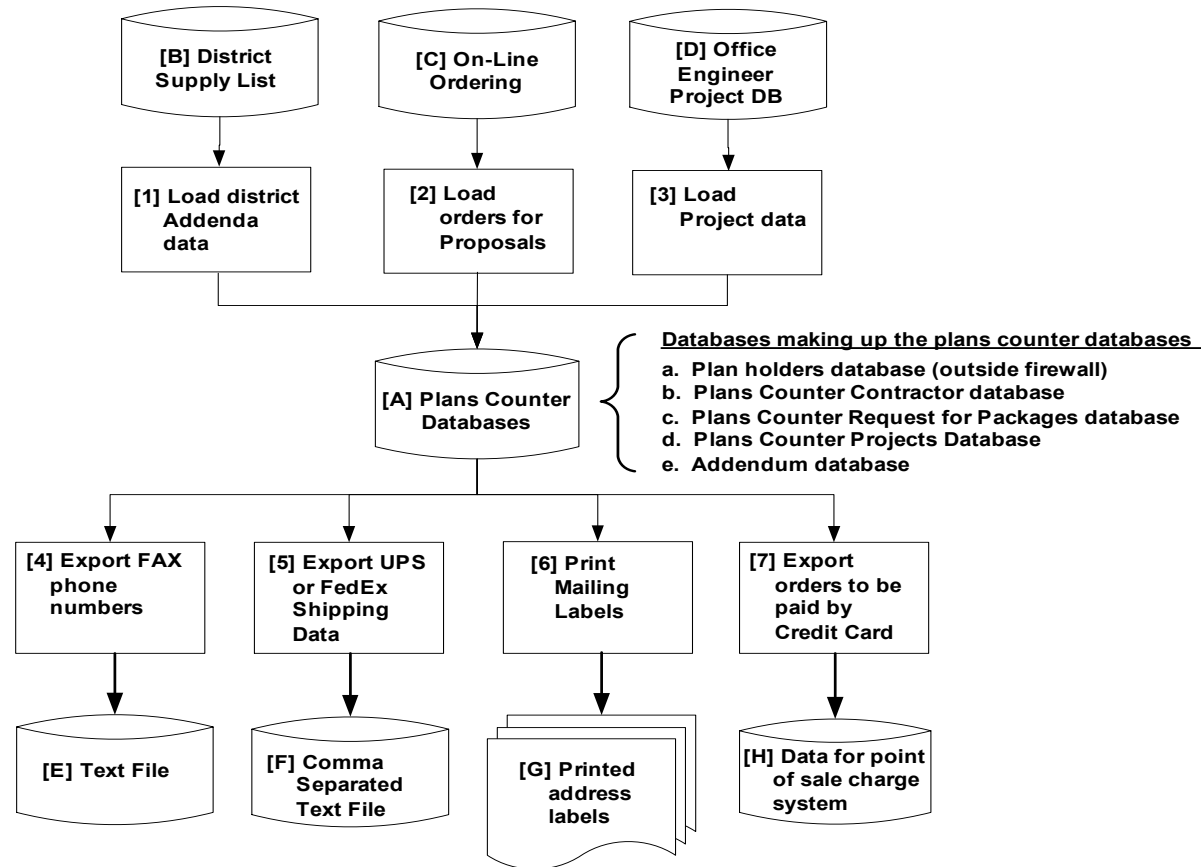


Appendix A - Caltrans Information Technology Preferred Environment

Characteristics	Client Tier	Middle Tiers	Data Tier
	Web Browser – minimal plug-ins Browser replacement apps Ex. WAP	Web/App Server & Integration Server	Data Sources
Application Logic	Presentation logic may reside on client. Ex. high-intensity graphics apps.	The majority of business logic should be here.	Presentation or business logic should not reside here. Persistent data store should reside here also.
Operating Systems	Any operating system	Unix <ul style="list-style-type: none"> • Sun Solaris • HP UX • Linux • IRIX (web server) Microsoft NT & 2000 (app server)	Unix <ul style="list-style-type: none"> • Sun Solaris • HP UX
Components	Internet Explorer/Netscape Adobe Acrobat Java Applets/ Applications (JVM)	J2EE This includes: <ul style="list-style-type: none"> ▪ Oracle 9iAS (Forms/Reports, JInitiator) ▪ IPlanet ▪ Apache, Servlets, JavaServer Pages, Enterprise JavaBeans, HTML, XML, WAP 	Oracle Enterprise Server <ul style="list-style-type: none"> • Oracle database server • Oracle JVM
Hardware	1.6 MHz Pentium 4 (min.) 256 MB RAM Windows 2000 Ethernet 10/100	Unix: <ul style="list-style-type: none"> • Sun • HP Windows or Linux: <ul style="list-style-type: none"> • IBM Netfinity • HP NetServer • Dell • Compaq Proliant 	Unix: <ul style="list-style-type: none"> • Sun
Communication Protocol	TCP/IP <ul style="list-style-type: none"> • HTTP • SQLnet (connection) Wireless	TCP/IP <ul style="list-style-type: none"> • IIOP • Socket (connection) 	TCP/IP
Database Access		JDBC	SQL, SQLnet
Security		Java security services	Oracle security services
Directory		JNDI LDAP	LDAP

Appendix B - Major Inputs and Outputs to the Plans Counter Databases

Major Inputs and Outputs to the Plans Counter Databases that are being replaced



Legend: Bracketed letters indicate data sources
Bracketed numbers indicate processes

Appendix B - Major Inputs and Outputs to the Plans Counter Databases

From System	To System	Transaction Type	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	I/ O
[B] District Supply List DB	[A] Addendum DB	[1] Import District Data for addenda	When needed	Import Script	Addenda Shipping Address	Company Name	I
						Attention	
						Unique ID	
						District	
						Supply District Engineer	
[A] Addendum DB	[E] External Text File	[4] Export Fax Numbers as Contract#.txt file	When needed	Export Script	FAX numbers	Company Name	O
						ATS Fax Number	
[A] Addendum DB	[F] External Text CSV File	[5] Export shipping address for UPS or FedEx	When needed	Export Script	UPS or FedEx Shipping Address	Unique ID	O
						Company Name	
						Attention	
						Country ID	
						Road	
						Contract Info Subset	
						Service Id	
						Weight	
[C] On-Line Ordering DB	[A] Plans Counter Request For Packages DB	[2] Import from TROE, Macintosh FileMaker Pro	About 4 to 6 times daily	Import Script	Phone / Fax (text)	Company Name	I
					Bid Packages	Order Date	
						Contract Number	
						Ordered By	
						Request via Internet	
[C] On-Line Ordering DB	[A] Plans Counter Request For Packages DB	[2] Import from TROE, Macintosh FileMaker Pro	Daily	Import Script	Mailing Address	Company Name	I
					Shipping Address	Order Date	
					Phone / Fax (text)	Contract Number	
					Accounting Information	Road	
					Material Info	Bid Date	
					Postponed Info	Type of Work	
					Memos	Ordered By	

Appendix B - Major Inputs and Outputs to the Plans Counter Databases

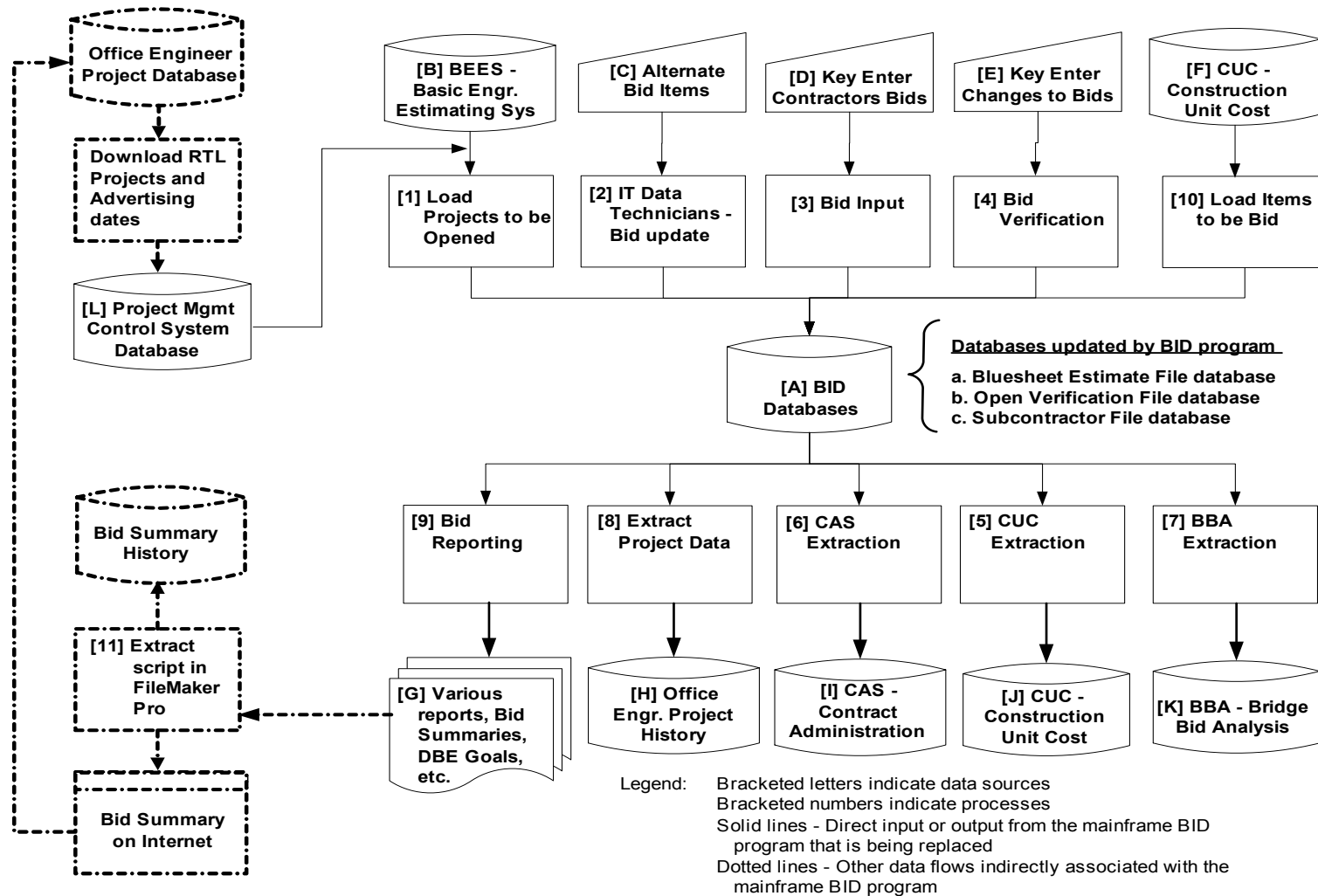
From System	To System	Transaction Type	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	I/O
					Bid Packages	Ad Date	
						Estimate	
						Non Bid Cost	
						Bid Look Up	
						Print Flag	
						Mail Ship	
						Bid Time	
						Bin	
						Check Box	
						Request via Internet	
						Today	
						Agreement Package	
						Date	
						Type	
						Blank	
						Empty	
[D] Projects DB	[A] Plans Counter Projects DB	[3] Import project data	Weekly	Import Script	Project Data	Title	I
						Type of Work	
						Ad Date	
						Bid Open	
						Award Date	
						Agreements	
						Road	
						PSE Estimate	
						Permits	
						Re Advertise	
						Non Bidders	
						Cost	
						Bidders Cost	
						District EA	
						Material Information	
						Informal Projects	
						Free Books	
						Ad Date Postponed	
						Bid Open Postponed	

Appendix B - Major Inputs and Outputs to the Plans Counter Databases

From System	To System	Transaction Type	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	I/O
[A] Plans Counter Request For Packages DB	[G] Printed paper adress labels	[6] Print mailing labels	When needed	Export Script	Mailing Address	Company Name	O
					Bid Packages	Contract Number	
						Road	
						Bid Date	
						Type of Work	
[A] Plans Counter Request For Packages DB	[H] Point of sale changing system	[7] Export Credit Card charging data	Daily	Export Script	Posting plans counter sales to credit card system	Merchant Number	O
						Transaction Status	
						Company Name	
						Credit Card No	
						Expiration Date	
						Total Cost	
[A] Plans Counter Request For Packages DB	[G] Printed paper address labels	[6] Print mailing labels	When needed	Export Script	Shipping Address	Company Name	O
					Mailing Address	Contract Number	
					Phone / Fax (text)	Bid Date	
						Road	
						Type of Work	
						Bid Package	
						Mail Ship	

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

Major Inputs and Outputs to the Mainframe BID program that is being replaced



Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/O
OE Project DB	PMCS Database	Upload Ready-To-List (RTL) projects and advertising dates to PMCS	Nightly		Dates	Ready to List Date	
						Advertising Date	
						Bid Opening Date	
						possibly others	
[B] BEES (Bluesheet Estimate File database)	[A] BID	[1] Based on bid opening date, Blue Sheet Estimates are downloaded to BID	Bid Opening	BID200 mainframe process	Bid Opening Date	Bid Opening Date	I
					Contract Number	District Number	I
						Expenditure Auth. No.	I
					Bid Opening Sequence	Bid Opening Sequence	I
					Number of Items	Number of Items	I
					Number of Supplemental Items	Number of Supplemental Items	I
					Requested Date for Final Estimate	Requested Date for Final Estimate	I
					Costs	Contract Items \$ Total	I
						Running Total \$ of Supplemental Items	I
						Contingency \$ Total	I
						Contract Total \$ Value	I
					Number of Work Days to Complete Contract	Number of Work Days to Complete Contract	I
					Number of Bid Books Issued Prior to Bid Opening	Number of Bid Books Issued Prior to Bid Opening	I
					Authorized District	Authorized District	I
					No. of Books Issued	No. of Books Issued	I
					Items Estimates (M)	Item Type Flag (M)	I
						Item Code (M)	I
						Unit of Measure (M)	I

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/O
						Item Quantity (M)	I
						Item Unit Price (M)	I
						Item Total \$ (M)	I
					Supplemental Items (M)	Suppl Item Type (M)	I
						Suppl Item Total \$ (M)	I
						Suppl Item Descr. (M)	I
[C] Key Entry	[A] BID	[2] Add Alternative Bid Information - Manual data override by I.T. technicians			Items Estimates (M)	Item Code (M)	I
						Unit of Measure (M)	I
						Item Quantity (M)	I
						Estimated Dollars (M)	I
[D] Key Entry	[A] BID	[3] After bids are opened, Bidder Information is keyed into TPB202 mainframe process, Subcontractor Information is keyed into TPB215 mainframe process	Bid Opening	Key Entry	Contractor Identification (M)	District Number	I
						Expenditure Auth.No.	I
						Bidder ID (M)	I
						Name (M)	I
						Address (M)	I
						City, State (M)	I
						ZIP (M)	I
						Telephone (M)	I
						FAX (M)	I
						Small Business Preference (M)	I
						Contractors License (M)	I
						Reason for Not Awarding	I
					California Co. Claimed	Principial State	I

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/O
						CA Sales Tax ID	I
					Non-California	Principal State	I
						Percentage	I
						Max Dollars	I
					Subcontractor Identification (M)	Name (M)	I
						Address (M)	I
						City, State (M)	I
						ZIP (M)	I
						Work Description or Assigned Items (M)	I
					Item Costs (M)	Item Unit Costs (M)	I
						Total Costs	I
[E] Key Entry	[A] BID	[4] HQ/OE staff verifies contractors' identification with Contractor's License Board, Small Business Administration, and other California State regulatory agencies.	Bid Opening	Key Entry			I
[F] CUC	[A] BID	[10] Load descriptions of items to be bid			Item Key	Item Key	I
					Item Description	Item Description	I
[L] PMCS	[A] BID	[1] On morning of a scheduled bid opening, PMCS data is provided to BID	Bid Opening		Project Location Information	District	I
						County	I
						Route	I
						Back Post Mile	I
					Project Description	Project Description	I
					Proposed Type of Work	Proposed Type of Work	I
					Federal Aid Number	Federal Aid Number	I

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/ O
					Dates	Approval Date	I
						Funding Date	I
					Program Elements Code Information		I
[A] BID (BID Open Verification File database)	[I] CAS	[6] CAS extracts contract items, costs and low bid information		CAS Extract - CAS 101 mainframe process	Bid Opening Date	Bid Opening Date	O
					Bidder Number	Bidder Number	O
					Contract Number	District Number	O
						Expenditure Auth. No.	O
					Bidder Name/Address	Name	O
						Street Address	O
						City, State	O
						ZIP	O
						Telephone	O
					Contract Item Data (M)	Item Quantity (M)	O
						Item Total \$ (M)	O
[A] BID (Bluesheet Estimate File database)	[I] CAS	[6] CAS extracts item cost information		CAS Extract - CAS101 mainframe process	Bid Opening Date	Bid Opening Date	O
					Contract Number	District Number	O
						Expenditure Auth. No.	O
					Number of Items	Number of Items	O
					Number of Supplemental Items	Number of Supplemental Items	O
					Number of Work Days to Complete Contract	Number of Work Days to Complete Contract	O
					Items Estimates (M)	Item Type Flag (M)	O
						Item Code (M)	O

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/ O
						Unit of Measure (M)	O
						Item Quantity (M)	O
					Supplemental Items (M)	Suppl. Item Type (M)	O
						Suppl. Item Total\$ (M)	O
[A] BID (Bluesheet Estimate File database)	[I] CAS	[6] For selected contracts, CAS720 mainframe process inserts the subtotal of contract items (Engineer's estimate) from the BID Bluesheet Estimate File or the BID Bluesheet Estimate History File into the Project Manager Distall File		CAS720 mainframe process	Bid Opening Date	Bid Opening Date	O
					Contract Number	District Number	O
						Expenditure Auth. No.	O
					Subtotal of Contract Items in Dollars	Subtotal of Contract Items in Dollars	O
[A] BID (Bluesheet Estimate File database)	[I] CAS	[6] For selected contracts, CAS720 mainframe process inserts the subtotal of contract items (Engineer's estimate) from the BID Bluesheet Estimate File or the BID Bluesheet Estimate History File into the Project Manager Distall File		CAS720 mainframe process	Bid Opening Date	Bid Opening Date	O
					Contract Number	District Number	O
						Expenditure Auth. No.	O
					Subtotal of Contract Items in Dollars	Subtotal of Contract Items in Dollars	O
[A] BID	[J] CUC	[5] CUC extracts Bid Item Prices from BID	Qtrly	CUC Extract	Bid Item Prices		O
[A] BID (Open Verification File database)	[K] BBA (Bridge Bid Analysis File database)	[7] BBA extracts Bidder Information from BID Open Verification File database		BBA Extract - BBA150 mainframe process	Bid Opening Date	Bid Opening Date	O

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/ O
					Contract Number	District Number	O
						Expenditure Auth. No.	O
					Bidder Number	Bidder Number	O
					Bidder Verification Status	Bidder Verification Status	O
					Bidder Name and Address	Name	O
						Street Address	O
						City, State	O
						ZIP	O
					A + B (Days Bid * Daily Rate) + Contract Total \$	A + B (Days Bid * Daily Rate) + Contract Total \$	O
					Contract Total \$	Contract Total \$	O
						Item Quantity (M)	O
						Item Unit Price (M)	O
[A] BID (Bluesheet Estimate File database)	[J] BBA (Bridge Bid Analysis File database)	[7] BBA extracts Bidder Information from BID Bluesheet Estimate File database		BBA Extract - BBA150 mainframe process	Bid Opening Date	Bid Opening Date	O
					Contract Number	District Number	O
						Expenditure Auth. No.	O
					Number of Bid Books Opened at Bid Opening	Number of Bid Books Opened at Bid Opening	O
					A + B Flag	A + B Flag	O
					A + B (Days Bid * Daily Rate) + Contract Total \$	A + B (Days Bid * Daily Rate) + Contract Total \$	O
					Engineer's Estimate	Engineer's Estimate Total \$	O
					Number of Items	Number of Items	O
					Contract Item Data (M)	Item Type Code (M)	O

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/ O
						Item Unit of Measure (M)	O
						Item Quantity (M)	O
						Item Unit Price (M)	O
						Item Total \$ (M)	O
[A] BID (Bluesheet Estimate File database)	[J] BBA (Marginal Estimate File database)	[7] BBA extracts Bid Opening Data for bridge "Square Footage Analysis" routine		BBA Extract - BBA152 mainframe process	Bid Opening Date	Bid Opening Date	O
					Contract Number	District Number	O
						Expenditure Auth. No.	O
[A] BID (Bluesheet Estimate File database)	[H] OE Project History	[8] BID240 mainframe process extracts Project and Item Information	Bid opening plus 21 days	BID240 mainframe process	Project (A File)	Bid Opening Date	O
						District Number	O
						Expenditure Auth. No.	O
						Number of Items	O
						Bid Opening Sequence	O
						Number of Items	O
						Subtotal Contract \$	O
						Contract Total \$ Value	O
						Number of Work Days to Complete Contract	O
						Small Business Flag	O
						% of Minority Owned	O
						Disabled Goal from %	O
						Disabled Goal to %	O
						Women Goal from %	O
						Women Goal to %	O

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/O
						Number of Bid Books Opened at Bid Opening	O
						A + B Flag	O
						A + B Additional Days	O
						No. of Books Issued	O
[A] BID (Open Verification File database)	[H] OE Project History	[8] BID240 mainframe process extracts Bidder Information	Bid opening plus 21 days	BID240 mainframe process	Bidder (B File)	Bidder ID	O
						Name	O
						Address	O
						City, State	O
						ZIP	O
						Telephone	O
						FAX	O
						Contractor License No	O
						Small Bus. Pref. Flag	O
						Calif. Company Pref.	O
						A + B Days Bid	O
						A + B Daily Rate	O
						A + B (Days Bid * Daily Rate)	O
						A + B (Days Bid * Daily Rate) + Contract Total \$	O
						Bidder Rank	O
						Low Bid Not Awarded Code	O
						Contract Total \$	O

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/ O
[A] BID (Bluesheet Estimate File database)	[H] OE Project History	[8] BID240 mainframe process extracts Item Information	Bid opening plus 21 days	BID240 mainframe process	Items (C File)	District Number	O
						Expenditure Auth. No.	O
						Contract Total \$	O
						Number of Items	O
						Item Type Code (M)	O
						Item Code (M)	O
						Unit of Measure (M)	O
						Item Quantity (M)	O
						Item Total \$ (M)	O
[A] BID (Open Verification database) File	[H] OE Project History	[8] BID240 mainframe process extracts Item Information	Bid opening plus 21 days	BID240 mainframe process	Items (C File)	Bidder ID	O
						Unit Price Bid \$	O
						Unit Price * Quantity	O
[A] BID (Bluesheet Estimate File database)	[H] OE Project History	[8] BID240 mainframe process extracts Subcontractor Information	Bid opening plus 21 days	BID240 mainframe process	Subcontractor (D file)	District Number	O
						Expenditure Auth. No.	O
[A] BID (Open Verification File database)	[H] OE Project History	[8] BID240 mainframe process extracts Subcontractor Information	Bid opening plus 21 days	BID240 mainframe process	Subcontractor (D file)	Prime Bidder ID	O
						Prime Bidder Name	O

Appendix C -Major Inputs and Outputs to the Mainframe BID program that is being replaced

From Data Source	To Data Source	Process Description	Cycle	How	Data Element Groups (M)=Multiples	Data Elements (M)=Multiples	B I D I/ O
[A] BID Sub-contractor File	[H] OE Project History	[8] BID240 mainframe process extracts Subcontractor Information	Bid opening plus 21 days	BID240 mainframe process	Subcontractor (D file)	Subcontractor Name	O
						Subcontractor Address	O
						Subcontractor Item(s) to be Completed	O
[G] Bid Summary reports	OE Project DB	[11] FileMakerPro script extracts data from Bid Summary Report text to update Office Engineer Project database.		File Maker Pro script			O

Output Codes

I=Input to BID

O=Output from BID

Appendix D – Sample Proposal and Contract



**STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

**PROPOSAL
AND
CONTRACT**

**FOR CONSTRUCTION ON STATE HIGHWAY IN
HUMBOLDT COUNTY NEAR REDCREST FROM 2.1 KM NORTH OF REDCREST UNDERCROSSING TO 2.8
KM SOUTH OF BEAR CREEK BRIDGE**

DISTRICT 01, ROUTE 101

**For Use in Connection with Standard Specifications Dated JULY 1999, Standard Plans Dated JULY 1999, and Labor
Surcharge and Equipment Rental Rates.**

Contract No. 01-448404

01-Hum-101-R65.4/R67.0

Federal Aid Project

ACNH-3797(004)E

Bids Open: September 3, 2003

(BECAUSE SOME COLORED INKS WILL NOT REPRODUCE IN COPY
MACHINES, PLEASE USE BLACK INK TO COMPLETE THIS PROPOSAL.)

(DO NOT DETACH)

PROPOSAL TO THE DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 01-448404

NAME OF BIDDER _____

BUSINESS P.O. BOX _____

CITY, STATE, ZIP _____

BUSINESS STREET ADDRESS _____

(Please include even if P.O. Box used)

CITY, STATE, ZIP _____

TELEPHONE NO: **AREA CODE ()** _____

FAX NO: **AREA CODE ()** _____

CONTRACTOR LICENSE NO. _____

The work for which this proposal is submitted is for construction in conformance with the special provisions (including the payment of not less than the State general prevailing wage rates or the Federal minimum wage rates), the project plans described below, including any addenda thereto, the contract annexed hereto, and also in conformance with the Department of Transportation Standard Plans, dated July 1999, the Standard Specifications, dated July 1999, and the Labor Surcharge and Equipment Rental Rates in effect on the date the work is accomplished.

The special provisions for the work to be done are dated August 26, 2003 and are entitled:

**STATE OF CALIFORNIA; DEPARTMENT OF TRANSPORTATION; NOTICE TO CONTRACTORS AND
SPECIAL PROVISIONS FOR CONSTRUCTION ON STATE HIGHWAY IN HUMBOLDT COUNTY NEAR
REDCREST FROM 2.1 KM NORTH OF REDCREST UNDERCROSSING TO 2.8 KM SOUTH OF BEAR CREEK
BRIDGE**

The project plans for the work to be done were approved August 14, 2003 and are entitled:

**STATE OF CALIFORNIA; DEPARTMENT OF TRANSPORTATION; PROJECT PLANS FOR CONSTRUCTION
ON STATE HIGHWAY IN HUMBOLDT COUNTY NEAR REDCREST FROM 2.1 KM NORTH OF REDCREST
UNDERCROSSING TO 2.8 KM SOUTH OF BEAR CREEK BRIDGE**

Bids are to be submitted for the entire work. The amount of the bid for comparison purposes will be the total of all items.

The bidder shall set forth for each unit basis item of work a unit price and a total for the item, and for each lump sum item a total for the item, all in clearly legible figures in the respective spaces provided for that purpose. In the case of unit basis items, the amount set forth under the "Item Total" column shall be the product of the unit price bid and the estimated quantity for the item.

In case of discrepancy between the unit price and the total set forth for a unit basis item, the unit price shall prevail, except as provided in A. or B., as follows:

- A. If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same as the amount as the entry in the item total column, then the amount set forth in the item total column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price;

Contract No. 01-448404

- B. (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentagewise the unit price or item total in the Department's Final Estimate of cost.

If both the unit price and the item total are unreadable or otherwise unclear, or are omitted, the bid may be deemed irregular. Likewise if the item total for a lump sum item is unreadable or otherwise unclear, or is omitted, the bid may be deemed irregular unless the project being bid has only a single item and a clear, readable total bid is provided.

Symbols such as commas and dollar signs will be ignored and have no mathematical significance in establishing any unit price or item total or lump sums. Written unit prices, item totals and lump sums will be interpreted according to the number of digits and, if applicable, decimal placement. Cents symbols also have no significance in establishing any unit price or item total since all figures are assumed to be expressed in dollars and/or decimal fractions of a dollar. Bids on lump sum items shall be item totals only; if any unit price for a lump sum item is included in a bid and it differs from the item total, the items total shall prevail.

The foregoing provisions for the resolution of specific irregularities cannot be so comprehensive as to cover every omission, inconsistency, error or other irregularity which may occur in a bid. Any situation not specifically provided for will be determined in the discretion of the Department, and that discretion will be exercised in the manner deemed by the Department to best protect the public interest in the prompt and economical completion of the work. The decision of the Department respecting the amount of a bid, or the existence or treatment of an irregularity in a bid, shall be final.

If this proposal shall be accepted and the undersigned shall fail to execute the contract and return it, together with the contract bonds, to the Department of Transportation so that it is received within 5 days, not including Saturdays, Sundays and legal holidays, after the bidder has received the contract for execution, the Department of Transportation may, at its option, determine that the bidder has abandoned the contract, and thereupon this proposal and the acceptance thereof shall be null and void and the forfeiture of the security accompanying this proposal shall operate and the same shall be the property of the State of California.

The undersigned, as bidder, declares that the only persons or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm, or corporation; that he has carefully examined the location of the proposed work, the annexed proposed form of contract, and the plans therein referred to; and he proposes, and agrees if this proposal is accepted, that he will contract with the State of California, in the form of the copy of the contract annexed hereto, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the contract, in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefor the following prices, to wit:

ENGINEER'S ESTIMATE**01-448404**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	074017	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
2	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
3 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
4 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
5	120151	TEMPORARY TRAFFIC STRIPE (TAPE)	M	4860		
6	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	M	6610		
7	120165	CHANNELIZER (SURFACE MOUNTED)	EA	75		
8	120300	TEMPORARY PAVEMENT MARKER	EA	450		
9 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2		
10	129000	TEMPORARY RAILING (TYPE K)	M	620		
11	129100	TEMPORARY CRASH CUSHION MODULE	EA	28		
12	150722	REMOVE PAVEMENT MARKER	EA	420		
13	031933	RECONSTRUCT DOWNDRAIN	EA	1		
14	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
15	190101	ROADWAY EXCAVATION	M3	1720		
16	200101	IMPORTED TOPSOIL	M3	2090		
17 (S)	031934	BONDED FIBER MATRIX (EROSION CONTROL)	KG	8180		
18 (S)	203024	COMPOST (EROSION CONTROL)	KG	8750		
19 (S)	203045	PURE LIVE SEED (EROSION CONTROL)	KG	310		
20	680931	150 MM PERFORATED PLASTIC PIPE UNDERDRAIN	M	200		

Contract No. 01-448404

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	721024	ROCK SLOPE PROTECTION (1/4T, METHOD B)	M3	8010		
22 (S)	840560	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	M	6040		
23 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	420		

TOTAL BID: _____

**THE BIDDER'S EXECUTION ON THE SIGNATURE PORTION OF THIS PROPOSAL SHALL ALSO
CONSTITUTE AN ENDORSEMENT AND EXECUTION OF THOSE CERTIFICATIONS WHICH ARE A PART
OF THIS PROPOSAL**

The bidder ____, proposed subcontractor ____, hereby certifies that he has ____, has not ____, participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Notes:

- The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7(b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)
- Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.
- Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

SMALL BUSINESS STATUS

Are you certified as a "Small Business" by the Office of Small Business and Disabled Veteran Business Enterprise Certification of the Department of General Services of the State of California ?

Please check one of the following: ____ yes, ____ no, ____ unsure.

Note:

- This small business questionnaire is included for statistical reporting only, and your answer neither affects your bid on this contract, nor will it be cause for penalty.

Certification for Federal Aid Contracts

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- A. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- B. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in conformance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

DISCLOSURE OF LOBBYING ACTIVITIES

COMPLETE THIS FORM TO DISCLOSE LOBBYING ACTIVITIES PURSUANT TO 31 U.S.C. 1352

<p>1. Type of Federal Action:</p> <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> <p>a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance</p>	<p>2. Status of Federal Action:</p> <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> <p>a. bid/offer/application b. initial award c. post-award</p>	<p>3. Report Type:</p> <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> <p>a. initial b. material change</p> <p>For Material Change Only: year _____ quarter _____ date of last report _____</p>
<p>4. Name and Address of Reporting Entity</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> Prime <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> Subawardee Tier _____, if known </div> <div style="width: 45%;"> <p>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</p> </div> </div> <p>Congressional District, if known</p>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>6. Federal Department/Agency:</p> </div> <div style="width: 45%;"> <p>7. Federal Program Name/Description:</p> <p>CFDA Number, if applicable _____</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>8. Federal Action Number, if known:</p> </div> <div style="width: 45%;"> <p>9. Award Amount, if known:</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>10. a. Name and Address of Lobby Entity (If individual, last name, first name, MI)</p> </div> <div style="width: 45%;"> <p>b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI)</p> </div> </div>		
<p style="text-align: center;">(attach Continuation Sheet(s) if necessary)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>11. Amount of Payment (check all that apply)</p> <p>\$ _____ <div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 5px;"></div> actual <div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 5px;"></div> planned</p> </div> <div style="width: 45%;"> <p>13. Type of Payment (check all that apply)</p> <div style="display: flex; flex-direction: column;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> a. retainer <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> b. one-time fee <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> c. commission <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> d. contingent fee <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> e. deferred <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> f. other, specify _____ </div> </div> </div>		
<p>12. Form of Payment (check all that apply):</p> <div style="display: flex; flex-direction: column;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> a. cash <div style="border: 1px solid black; width: 30px; height: 30px; margin-bottom: 5px;"></div> b. in-kind; specify: nature _____ value _____ </div>		
<p>14. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 11:</p>		
<p style="text-align: center;">(attach Continuation Sheet(s) if necessary)</p> <p>15. Continuation Sheet(s) attached: Yes <div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 5px;"></div> No <div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 5px;"></div></p>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>16. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p> </div> <div style="width: 45%;"> <p>Signature: _____</p> <p>Print Name: _____</p> <p>Title: _____</p> <p>Telephone No.: _____ Date: _____</p> </div> </div>		

Federal Use Only

Authorized for Local Reproduction
Standard Form - LLL

Contract No. 01-448404

**INSTRUCTIONS FOR COMPLETION OF SF-LLL,
DISCLOSURE OF LOBBYING ACTIVITIES**

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of covered Federal action or a material change to previous filing pursuant to title 31 U.S.C. section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered Federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

- A. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered Federal action.
- B. Identify the status of the covered Federal action.
- C. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered Federal action.
- D. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
- E. If the organization filing the report in Item D checks "Subawardee" then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
- F. Enter the name of the Federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
- G. Enter the Federal program name or description for the covered Federal action (item A). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
- H. Enter the most appropriate Federal identifying number available for the Federal action identification in item A (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant, or loan award number, the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
- I. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitments for the prime entity identified in item D or E.
- J.
 - 1. Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item D to influenced the covered Federal action.
 - 2. Enter the full names of the individual(s) performing services and include full address if different from J.1. Enter Last Name, First Name and Middle Initial (MI).
- K. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item D) to the lobbying entity (item J). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
- L. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
- M. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
- N. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with Federal officials. Identify the Federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
- O. Check whether or not a continuation sheet(s) is attached.
- P. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

The Bidder shall list the name and address of each subcontractor to whom the Bidder proposes to subcontract portions of the work, as required by the provisions in Section 2-1.054, "Required Listing of Proposed Subcontractors," of the Standard Specifications and Section 2-1.01, "General," of the special provisions.

LIST OF SUBCONTRACTORS

Name and Address	Description of Portion of Work Subcontracted
------------------	---

PUBLIC CONTRACT CODE SECTION 10285.1 STATEMENT

In conformance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares under penalty of perjury under the laws of the State of California that the bidder has ____, has not ____ been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

Notes:

- The bidder must place a check mark after "has" or "has not" in one of the blank spaces provided.
- The above Statement is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement.
- Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

PUBLIC CONTRACT CODE SECTION 7110 STATEMENTS

Public Contract Code Section 7110 is operative on January 1, 1999, and the following will be effective on this Contract if it is executed on January 1, 1999 or later:

In conformance with Public Contract Code Section 7110, the Contractor hereby acknowledges the following policy of the State:

It is the policy of this state that anyone who enters into a contract with a state agency shall recognize the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Chapter 8 (commencing with Section 5200) of Part 5 of Division 9 of the Family Code.

In conformance with Public Contract Code Section 7110, the Contractor hereby acknowledges that to the best of its knowledge it is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the Employment Development Department.

Note:

- The above Statements are a part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute acknowledgment of these Statements. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

PUBLIC CONTRACT CODE SECTION 10162 QUESTIONNAIRE

In conformance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes _____ No _____

If the answer is yes, explain the circumstances in the following space.

PUBLIC CONTRACT CODE SECTION 10232 STATEMENT

In conformance with Public Contract Code Section 10232, the Contractor, hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

Notes:

- The above Statement and Questionnaire are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement and Questionnaire.
- Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

TO THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.

NONCOLLUSION AFFIDAVIT

(TITLE 23 UNITED STATES CODE SECTION 112 AND PUBLIC CONTRACT CODE SECTION 7106)

In conformance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Notes:

- The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit.
- Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

**TITLE 49, CODE OF FEDERAL REGULATIONS, PART 29, DEBARMENT AND SUSPENSION
CERTIFICATION**

The bidder, under penalty of perjury, certifies that, except as noted below, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, manager:

- is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgement rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Notes:

- Providing false information may result in criminal prosecution or administrative sanctions.
- The above certification is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Certification.

Accompanying this proposal is _____
(NOTICE: INSERT THE WORDS "CASH(\$ _____)," "CASHIER'S CHECK," "CERTIFIED CHECK," OR "BIDDER'S BOND," AS THE CASE MAY BE.)
in amount equal to at least ten percent of the total of the bid.

The names of all persons interested in the foregoing proposal as principals are as follows:

IMPORTANT NOTICE

If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a copartnership, state true name of firm, also names of all individual copartners composing firm; if bidder or other interested person is an individual, state first and last names in full.

Licensed in conformance with an act providing for the registration of Contractors,

License No. _____ Classification(s) _____

ADDENDA - This Proposal is submitted with respect to the changes to the contract included in addenda number/s

(Fill in addenda numbers if addenda have been received and insert, in this Proposal, any Engineer's Estimate sheets that were received as part of the addenda.)

By my signature on this proposal I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements of Public Contract Code Sections 10162, 10232 and 10285.1 are true and correct and that the bidder has complied with the requirements of Section 8103 of the Fair Employment and Housing Commission Regulations (Chapter 5, Title 2 of the California Administrative Code). By my signature on this proposal I further certify, under penalty of perjury under the laws of the State of California and the United States of America, that the Noncollusion Affidavit required by Title 23 United States Code, Section 112 and Public Contract Code Section 7106; and the Title 49 Code of Federal Regulations, Part 29 Debarment and Suspension Certification are true and correct.

Date: _____



Signature and Title of Bidder

Business Address _____

Place of Business _____

Place of Residence _____

**STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
BIDDER'S BOND**

We, _____
_____ as Principal, and

as Surety are bound unto the State of California, Department of Transportation, hereafter referred to as "Obligee," in the penal sum of ten percent (10%) of the total amount of the bid of the Principal submitted to the Obligee for the work described below, for the payment of which sum we bind ourselves, jointly and severally,

THE CONDITION OF THIS OBLIGATION IS SUCH, THAT:

WHEREAS, the Principal is submitted to the Obligee, for _____
(Copy here the exact description of work, including location, as it appears on the Proposal)

for which bids are to be opened at _____ on _____
(Insert place where bids will be opened) (Insert date of bid opening)

NOW, THEREFORE, if the Principal is awarded the contract and, within the time and manner required under the specifications, after the prescribed forms are presented to him for signature, enters into a written contract, in the prescribed form, in conformance with the bid, and files two bonds with the Obligee, one to guarantee faithful performance of the contract and the other to guarantee payment for labor and materials as provided by law, then this obligation shall be null and void; otherwise, it shall remain in full force.

In the event suit is brought upon this bond by the Obligee and judgement is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the court.

Dated: _____.

Principal

Surety
By _____
Attorney-in-fact

CERTIFICATE OF ACKNOWLEDGEMENT

State of California
County of _____ SS

On this _____ day of _____ in the year _____ before me
_____, personally appeared _____,
Attorney-in-fact

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument as the attorney-in-fact of _____, and acknowledged to me that he (she) subscribed the name of the said company thereto as surety, and his (her) own name as attorney-in-fact.

(SEAL)

Notary Public

Contract No. 01-448404

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CALTRANS BIDDER - DBE - INFORMATION

-- DO NOT DETACH --
THIS INFORMATION SHALL BE SUBMITTED WITH
YOUR BID PROPOSAL

DISTRICT-CO.-RTE.-K.P.: _____
DISTRICT-CONTRACT NO.: _____
BID AMOUNT: \$ _____
BID OPENING DATE: _____
BIDDER'S NAME: _____
DBE GOAL FROM CONTRACT, %: _____
DBE PRIME CONTRACTOR CERTIFICATION ¹: _____

CONTRACT ITEM NO.	ITEM OF WORK AND DESCRIPTION OR SERVICES TO BE SUBCONTRACTED OR MATERIALS TO BE PROVIDED ²	FOR CALTRANS USE ONLY	NAME OF DBEs (Must be certified on the date bids are opened - include Caltrans certification # , DBE address and phone number)	DOLLAR AMOUNT DBE ³
IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Copies of the DBE quotes are required. Names of the First Tier DBE Subcontractors and their respective item(s) of work listed above shall be consistent, where applicable, with the names and items of work in the "List of Subcontractors" submitted with your bid pursuant to the Subcontractors Listing Law and Section 2-1.01, "General," of the Special Provisions.			Total Claimed Participation	\$ _____ _____ %
1. DBE prime contractors shall enter their DBE certification number. DBE prime contractors shall indicate all work to be performed by DBEs including work performed by its own forces. 2. If 100% of item is not to be performed or furnished by DBE, describe exact portion of item to be performed or furnished by DBE. 3. See Section 2-1.02, "Disadvantaged Business Enterprise," to determine the credit allowed for DBE firms.			_____ Signature of Bidder _____ Date (Area Code) Tel. No. _____ Person to Contact (Please Type or Print)	

CT Bidder - DBE Information (12-01-99)

Contract No. 01-448404

Page D-18 of D-23

<p align="center">- DO NOT DETACH - THIS INFORMATION SHALL BE INCLUDED WITH YOUR BID PROPOSAL</p>
--

TELEPHONE LOG AND LIST OF REJECTED DBEs

Bidders shall submit the following information to demonstrate that a good faith effort to meet the DBE goal has been made if their CALTRANS BIDDER - DBE - INFORMATION form indicates that the DBE goal will not be met.

Even if the bidder's CALTRANS BIDDER - DBE - INFORMATION form indicates the DBE goal will be met, bidders should submit the following information to protect their eligibility for award of the contract. This is important because the submittal of only the CALTRANS BIDDER - DBE - INFORMATION form will not normally provide sufficient information to demonstrate that a good faith effort was made. A bidder may not meet the DBE goal after the submittal is analyzed by Caltrans for various reasons, e.g., if the subcontractor submitted by the bidder was not certified on the date bids were opened, or if the bidder made a mathematical error.

TELEPHONE LOG

The names, dates and times of notices of all certified DBEs solicited by telephone for this project and the dates, times and methods used for following up initial solicitations to determine with certainty whether the DBEs were interested:

<u>Names of DBEs Solicited</u>	<u>Dates and Times of Solicitations</u>	<u>Follow Up Methods Dates and Times</u>
--------------------------------	---	--

LIST OF REJECTED DBEs

<u>Names of Rejected DBEs</u>	<u>Reasons for Rejection of DBEs:</u>
-------------------------------	---------------------------------------



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CONTRACT NO. 01-448404

THIS AGREEMENT, made and concluded, in duplicate, _____, between the State of California, by the Department of Transportation thereof, party of the first part, and

Contractor, party of the second part.

ARTICLE I.--WITNESSETH,

That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the said party of the first part, and under the conditions expressed in the 2 bonds, bearing even date with these presents, and hereunto annexed, the said party of the second part agrees with the said party of the first part, at his own proper cost and expense, to do all the work and furnish all the materials, except such as are mentioned in the specifications to be furnished by said party of the first part, necessary to construct and complete in a good, workmanlike and substantial manner and to the satisfaction of the Department of Transportation, the work described in the special provisions and the project plans described below, including any addenda thereto, and also in conformance with the Department of Transportation Standard Plans, dated July 1999, the Standard Specifications, dated July, 1999, and the Labor Surcharge and Equipment Rental Rates in effect on the date the work is accomplished, which said special provisions, project plans, Standard Plans, Standard Specifications, and Labor Surcharge and Equipment Rental Rates are hereby specially referred to and by such reference made a part hereof.

The special provisions for the work to be done are dated August 26, 2003 and are entitled:

STATE OF CALIFORNIA; DEPARTMENT OF TRANSPORTATION; NOTICE TO CONTRACTORS AND SPECIAL PROVISIONS FOR CONSTRUCTION ON STATE HIGHWAY IN HUMBOLDT COUNTY NEAR REDCREST FROM 2.1 KM NORTH OF REDCREST UNDERCROSSING TO 2.8 KM SOUTH OF BEAR CREEK BRIDGE

The project plans for the work to be done were approved August 14, 2003 and are entitled:

STATE OF CALIFORNIA; DEPARTMENT OF TRANSPORTATION; PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY IN HUMBOLDT COUNTY NEAR REDCREST FROM 2.1 KM NORTH OF REDCREST UNDERCROSSING TO 2.8 KM SOUTH OF BEAR CREEK BRIDGE

ARTICLE II.--

The said party of the first part hereby promises and agrees with the said Contractor to employ, and does hereby employ, the said Contractor to provide the materials and to do the work according to the terms and conditions herein contained and referred to, for the prices hereinafter set forth, and hereby contracts to pay the same at the time, in the manner and upon the conditions herein set forth; and the said parties for themselves, their heirs, executors, administrators, successors and assigns, do hereby agree to the full performance of the covenants herein contained.

ARTICLE III.--

The State general prevailing wage rates determined by the Director of Industrial Relations are hereby made a part of this contract. It is further expressly agreed by and between the parties hereto that should there be any conflict between the terms of this instrument and the bid or proposal of said Contractor, then this instrument shall control and nothing herein shall be considered as an acceptance of the said terms of said proposal conflicting herewith.

ARTICLE IV.--

By my signature hereunder, as Contractor, I certify that I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self insurance in conformance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

ARTICLE V.--

And the said Contractor agrees to receive and accept the following prices as full compensation for furnishing all materials and for doing all the work contemplated and embraced in this agreement; also for all loss or damage, arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work until its acceptance by the Department of Transportation, and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of work and for well and faithfully completing the work, and the whole thereof, in the manner and according to the plans and specifications, and the requirements of the Engineer under them, to wit:

ENGINEER'S ESTIMATE

Item No.	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price (In Figures)	Item Total (In Figures)
		(Items in CONTRACT will be the same as those bid in PROPOSAL)				

IN WITNESS WHEREOF, The parties to these presents have here-unto set their hands the year and date first above written

**STATE OF CALIFORNIA,
DEPARTMENT OF TRANSPORTATION**

Director of Transportation

By _____

Contractor

By _____

Licensed in conformance with an act providing for the
registration of contractors, License No.

Federal Employer Identification Number

Approved and certified as being in conformance with the requirements of the State Contract Act.

Attorney, Department of Transportation

Approved Effective _____